

WHAT IS CLAIMED:

1. A method of controlling an electro-pneumatic braking system on a railroad train having electronic brake control equipment including an operator display facility and brake handles located in a cab of a locomotive of the train and electro-pneumatic brakes on cars of the train, the method comprising:

connecting a locomotive control computer with the electro-pneumatic brakes on the cars using an electro-pneumatic interface module;

connecting the interface module with a brake control associated with a pneumatic brake operating unit, the brake operating unit being connected in fluid communication with a brake pipe of the locomotive and the cars and the brake control being connected with the locomotive control computer; and

using the common brake handles and operator display to control the electro-pneumatic interface module and brake control to operate the brakes of the locomotive and the cars.

2. Apparatus for controlling an electro-pneumatic braking system on a railroad train having electronic brake control equipment that includes an operator display facility and brake handles located in a cab of a locomotive of the train and electro-pneumatic brakes on cars of the train, the apparatus comprising:

an electro-pneumatic interface module connecting the electro-pneumatic brakes on the cars with a locomotive control computer;

a brake control associated with a pneumatic brake operating unit being connected with the electro-pneumatic interface module;

the pneumatic brake operating unit being connected with a brake pipe of the locomotive and the cars;

the brake control being connected with the locomotive control computer; and

the electro-pneumatic interface module and the brake control operating the brakes of the locomotive and the cars using the common brake handles and operator display.